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State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

027

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INSPECTION REPORT

Partial: XXX Complete: Exploration:
Inspection Date & Time: 2/25/2001 / 09:49a.m. to 12:08 p.m.
Date of Last Inspection: 1/25/2001

Mine Name: Bear Canyon Mine County: Emery Permit Number: C-1123
Permittee and/or Operator's Name: Co-Op Mining Company
Business Address: P.O. Box 1245, Huntington, Utah 84528
Type of Mining Activity: Underground XXX Surface Prep. Plant Other
Company Official(s): Charles Reynolds
State Official(s): Jim Smith Federal Official(s):
Weather Conditions: Sunny, clear skies, approx 40°
Existing Acreage: Permitted 1377.75 Disturbed 29.1 Regraded Seeded
Status: Active XXX

REVIEW OF PERMIT, PERFORMANCE STANDARDS & PERMIT CONDITION REQUIREMENTS

- Substantiate the elements on this inspection by checking the appropriate performance standard.
 - For complete inspections provide narrative justification for any elements not fully inspected unless element is not appropriate to the site, in which case check N/A.
 - For partial inspections check only the elements evaluated.
- Document any noncompliance situation by referencing the NOV issued at the appropriate performance standard listed below.
- Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
- Provide a brief status report for all pending enforcement actions, permit conditions, Division Orders, and amendments.

	EVALUATED	N/A	COMMENTS	NOV/ENF
1. PERMITS, CHANGE, TRANSFER, RENEWAL, SALE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. SIGNS AND MARKERS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. TOPSOIL	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. HYDROLOGIC BALANCE:				
a. DIVERSIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. SEDIMENT PONDS AND IMPOUNDMENTS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. OTHER SEDIMENT CONTROL MEASURES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
d. WATER MONITORING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. EFFLUENT LIMITATIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. EXPLOSIVES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. DISPOSAL OF EXCESS SPOIL/FILLS/BENCHES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. COAL MINE WASTE/REFUSE PILES/IMPOUNDMENTS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. NONCOAL WASTE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL ISSUES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. SLIDES AND OTHER DAMAGE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. CONTEMPORANEOUS RECLAMATION	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. BACKFILLING AND GRADING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. REVEGETATION	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. SUBSIDENCE CONTROL	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. CESSATION OF OPERATIONS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16. ROADS:				
a. CONSTRUCTION/MAINTENANCE/SURFACING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. DRAINAGE CONTROLS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. OTHER TRANSPORTATION FACILITIES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. SUPPORT FACILITIES/UTILITY INSTALLATIONS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. AVS CHECK (4 th Quarter- April, May, June)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. AIR QUALITY PERMIT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. BONDING & INSURANCE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

INSPECTION REPORT
(Continuation sheet)

PERMIT NUMBER: C/015/025

DATE OF INSPECTION: 2/22/2001

(COMMENTS ARE NUMBERED TO CORRESPOND WITH TOPICS LISTED ABOVE)

4A. HYDROLOGIC BALANCE: DIVERSIONS

The "concrete channel crossing with bridge" that carries water from ditch D-8D under the road to sedimentation pond B is still partially blocked by ice that has frozen in the bottom of the ditch and within the structure; however, the snow that had been pushed off the road into ditch D-8D at the entrance to this structure has melted. Charles said that this is typical of winter conditions and that as the weather warms and the ice melts, the mine uses a high pressure wash to clear debris out of this structure.

Other ditches were functioning, but because of the recent snowmelt there is a lot of mud and rock in many of the ditches. Charles said these will be cleared as the ground thaws and dries.

4B. HYDROLOGIC BALANCE: SEDIMENT PONDS AND IMPOUNDMENTS

Sedimentation pond B was certified in December, a follow-up to the sediment clean-out in September and October.

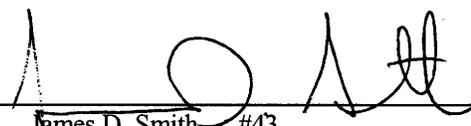
4C. HYDROLOGIC BALANCE: OTHER SEDIMENT CONTROL MEASURES

The silt fence at the Tank Seam portal couldn't be checked because a piece of equipment had broken down on the road to the portal pad. The silt fence below the Hiawatha portal was recently cleared of sediment and is functioning.

At the ballfield, sediment has accumulated to the top of the straw bales so they are no longer controlling sediment and sediment has left the permit area. Flow from a spring on the slope north of the ballfield appears to have increased recently. The slope below the spring has become saturated and sediment and slide debris are accumulating on the ballfield at the toe of the slope. The water is currently ponding in the north corner of the field, where rushes have grown for a number of years, but it appears that this flow, or possibly water from another source, was, for a time, crossing the field and flowing down the outslope of the ballfield topsoil pile; there is a small rill eroded into this outslope above where the straw bales have failed, and this outslope erosion appears to be the source of the sediment rather than the slope north of the field. NOV # 2001-43-1-1 was issued for failure to maintain sediment control measures and allowing sediment to leave the disturbed area.

4D. HYDROLOGIC BALANCE: WATER MONITORING

Reports for fourth quarter water quality monitoring were checked. These reports have not yet been submitted to DOGM: they will be submitted electronically. It was noted that the report for well SDH-3 showed no flow, rather than no value because of no access. Charles will check on the mine's database to see that this is corrected.

Inspector's Signature: 
James D. Smith #43

Date: March 1, 2001

Note: This inspection report does not constitute an affidavit of compliance with the regulatory program of the Division of Oil, Gas & Mining.

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cc: James Fulton, OSM
Wendell Owen, Co-Op Mining
Charles Reynolds, Co-Op Mining
Price Field office